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Carbohydrate metabolism in *Zymomonas mobilis*: a catabolic highway with some scenic routes

GA Sprenger - FEMS Microbiology Letters, 1996 - interscience.wiley.com

... I and II; EDA, **2-keto-3-deoxy-gluconate** aldolase; EDD, 6-phosphogluconate ... malic enzyme;

PDC, **pyruvate decarboxylase**; PDHC, **pyruvate** dehydrogenase complex; PGI ...

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Pathways for utilization of carbon reserves in *Desulfovibrio gigas* under fermentative and ...

P Fareleira, J Legall, AV Xavier, H Santos - Journal of bacteriology, 1997 - Am Soc Microbiol

... same pathway (gluconate dehydrogenase and **2-keto-3-deoxy-gluconate** aldolase) were ...

**Pyruvate decarboxylase** and ethanol dehydrogenase, the two enzymes involved ...

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Metabolic state of *Zymomonas mobilis* in glucose-, fructose-, and xylose-fed continuous cultures as ...

AA De Graaf, K Striegel, RM Wittig, B Laufer, G ... - Archives of Microbiology, 1999 - Springer

... EDA **2-keto-3-deoxy-gluconate** aldolase, ENO enolase, PYK **pyruvate** kinase, PPC

phosphoenolpyruvate carboxylase, PDC **pyruvate decarboxylase**, PDHC **pyruvate** ...

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Protein identifications on O'Farrell two-dimensional gels: locations of 55 additional *Escherichia* ...

TA Phillips, PL Bloch, FC Neidhardt - Journal of Bacteriology, 1980 - Am Soc Microbiol

Page 1. JOURNAL OF BACTERIOLOGY, Dec. 1980, p. 1024-1033 Vol. 144, No.

3 0021-9193/80/12-1024/10\$02.00/0 Protein Identifications ...

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Catabolism of galacturonic and glucuronic acids by *Erwinia carotovora* - [jbc.org \(PDF\)](#)

WW Kilgore, MP Starr - Journal of Biological Chemistry, 1959 - ASBMB

... following reactions are evident when *E. carotovora* acts upon o-galacturonate:

**decarboxylation** to ... **Pyruvate** was determined with crystalline lactic dehydrogenase ...

[Cited by 30](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

Enzymes of gluconate metabolism and glycolysis in *Penicillium notatum*

D Pitt, MJ Mosley - Antonie van Leeuwenhoek, 1985 - Springer

... of glyceraldehyde with glyceraldehyde-3-phosphate in **2-keto-3-deoxy-gluconate** aldolase

assays ... **PYRUVATE** ... 1.128); 4, 2-keto-6-phosphogluconate **decarboxylase**; 5, 2 ...

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The Mechanism of 2-Keto-3-deoxy-6-phosphogluconic Aldolase II. STUDIES OF THE PARTIAL REACTIONS WITH ... - [jbc.org \(PDF\)](#)

JM Ingram, WA Wood - Journal of Biological Chemistry, 1966 - ASBMB

... 2-keto-4-hydroxyglutarate, and **2-keto-3-deoxy-gluconate** were partially ... tive by use

of **pyruvate** and NaBH<sub>4</sub> ... longer exhibited oxalacetic **decarboxylase** activity ...

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Relationship between catabolism of glycerol and metabolism of hexosephosphate derivatives by ...

HE Heath, ET Gaudy - Journal of Bacteriology, 1978 - Am Soc Microbiol

... oxidized nicotinamide adenine dinucleotide phosphate [NADP<sup>+</sup>] (phosphorylating)

(28); phosphoglycerate kinase (3); enolase (35); **pyruvate** kinase (30 ...

[Cited by 14](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

Sugar metabolism by *Brucellae*

RC Essenberg, R Seshadri, K Nelson, I Paulsen - Veterinary Microbiology, 2002 - Elsevier

... **pyruvate** is oxidized via **decarboxylation** to acetate. ... 6P was not converted to **pyruvate**

in the ... The aldolase was detected, since **2-keto-3-deoxy-gluconate**-6P could ...

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[Inhibition of glucose metabolism by n-hexadecane in Cladosporium \(Amorphotheca\) resinae.- \\*nih.gov \(PDF\)](#)

C Siporin, JJ Cooney - Journal of Bacteriology, 1976 - Am Soc Microbiol

... **Pyruvate** was measured using lactic dehydrogenase and nicotinamide ... Phosphogluconate dehydratase and phospho-**2-keto-3-deoxy-gluconate** aldolase were assayed in a ...

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Key authors: [G Sprenger](#) - [A De Graaf](#) - [J Yu](#) - [P Fareleira](#) - [T Phillips](#)

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2-keto-3-deoxy-gluconate pyruvate

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